

IN THE CLAIMS

(1) Please delete claims 35-38 and 40-41.

(2) Please amend Claim 3 as follows:

3. (Twice Amended) A method for treating a tank toilet system comprising the steps of:

- (a) selecting a bacteria and a surfactant;
- (b) charging the tank toilet system with flushing liquid, wherein the tank toilet system is a recirculation tank toilet system and wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems;
- (c) combining the bacteria, the surfactant, and the flushing liquid, wherein the bacteria is selected from the group consisting of *Bacillus licheniformis*, *Pseudomonas fluorescens*, *Alcaligenes latus*, *Bacillus subtilis*, and *Pseudomonas putida* and wherein the weight ratio of the bacteria and the surfactant (weight of the bacteria:weight of the surfactant) charged to the tank toilet system is from about 10% to about 50%.

(3) Please amend Claim 4 as follows:

4. (Twice Amended) The method of claim 3 wherein the weight ratio (weight of the bacteria:weight of the surfactant) is from about 10% to about 30%.

(4) Please amend Claim 5 as follows:

5. (Twice Amended) A method for treating a tank toilet system comprising the steps of:

- (a) selecting a bacteria and a surfactant;
- (b) charging the tank toilet system with flushing liquid; and
- (c) combining the bacteria, the surfactant, and the flushing liquid, wherein the bacteria is selected from the group consisting of *Bacillus licheniformis*, *Pseudomonas fluorescens*, *Alcaligenes latus*, *Bacillus subtilis*, and *Pseudomonas putida* and wherein the tank toilet system,
 - (i) is a recirculation tank toilet system, and
 - (ii) is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems.

(5) Please amend Claim 8 as follows:

8. (Twice Amended) A method for treating a tank toilet system comprising the steps of:

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- (a) selecting a bacteria and a surfactant;
 - (b) charging the tank toilet system with flushing liquid, wherein the tank toilet system is a recirculation tank toilet system and wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems;
 - (c) combining the bacteria, the surfactant, and the flushing liquid; and
 - (d) mixing the bacteria and surfactant into a composition before combining it with the flushing liquid, wherein said composition is a form selected from the group consisting of a liquid form, a powder form, and a solid block-tablet form.

~~(6)~~ Please amend Claim 11 as follows: 7


11. (Twice Amended) The method of claim 9 wherein:

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- (a) the filler is mixed in the composition at least about 50% by weight;
 - (b) the food source is mixed in a range from about 0.1% to about 5% by weight;
 - (c) a deodorant is mixed in the composition in a range from about 0.05% to about 2% by weight; and
 - (d) the bacteria and the surfactant are mixed in the composition in the range from about 5% to about 50% by weight.


(7) Please amend Claim 12 as follows:

12. (Twice Amended) The method of claim 9 wherein:

- (a) the filler is mixed in the composition with the range from about 50% to about 80% by weight;
- (b) the food source is dried brewers yeast in the composition in the range from about 1% to about 2% by weight;
- (c) a deodorant is mixed in the composition in a range from about 0.2% to about 1% by weight; and
- (d) the bacteria and the surfactant are mixed in the composition in the range of about 15% to about 20% by weight.


 (8) Please amend Claim 13 as follows:

13. (Amended) The method of claim 12 further comprising the step of combining a coloring agent with the bacteria and the surfactant, wherein the coloring agent is compatible with bacteria.

 (9) Please amend Claim 18 as follows:


18. (Twice Amended) A method for treating a tank toilet system comprising the steps of:

- (a) removing a first flushing liquid from a tank toilet system, wherein the tank toilet system is a recirculation tank toilet system and wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems;
- (b) charging the tank toilet system with a second flushing liquid;
- (c) selecting a bacteria, which bacteria is selected from the group consisting of *Bacillus licheniformis*, *Pseudomonas fluorescens*, *Alcaligenes latus*, *Bacillus subtilis*, and *Pseudomonas putida*;
- (d) selecting a surfactant for combining with the bacteria;
- (e) charging the tank toilet system with the bacteria and the surfactant;
- (f) repeating steps (a)-(e).

 (10) Please amend Claim 19 as follows:


19. The method of claim 18 further comprising the steps of:

- (a) combining a filler and a food source with the bacteria and the surfactant, wherein
- (i) the filler is calcium carbonate and is combined with the food source, the bacteria, and the surfactant in an amount of at least about 50% by weight;
- (ii) the food source is dried brewers and is combined with the filler, the bacteria, and the surfactant in a range from about 0.1% to about 5% by weight; and
- (iii) the bacteria and the surfactant with the filler and the food source in a range from about 5% to about 50% by weight.

 (11) Please amend Claim 27 as follows:

27. (Twice Amended) An apparatus for treating human waste products comprising:

- (a) a tank toilet system;

 (b) a flushing liquid charged into the tank toilet system, wherein the tank toilet system is a recirculation tank toilet system and wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems;


(c) a bacteria and a surfactant combined with the flushing liquid; and

(d) a filler and a food source combined with the bacteria and the surfactant, wherein

(i) the filler is calcium carbonate and is combined with the food source, the bacteria, and the surfactant in an amount of at least about 50% by weight;

(ii) the food source is dried brewers yeast and is combined with the filler, the bacteria, and the surfactant in a range from about 0.1% to about 5% by weight; and

(iii) the bacteria and the surfactant with the filler and the food source in a range from about 5% to about 50% by weight.

 [(12) Please amend Claim 28 as follows:]
28. (Twice Amended) An apparatus for treating human waste products comprising:

(a) a tank toilet system;

(b) a flushing liquid charged into the tank toilet system, wherein the tank toilet system is a recirculation tank toilet system and wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems;

(c) a bacteria and a surfactant combined with the flushing liquid; and

(d) water, alcohol, and monoethanolamine, combined with the bacteria and the surfactant, wherein

(i) water is combined with the alcohol, the monoethanolamine, the bacteria, and the surfactant, by at least about 50% by weight;

(ii) the alcohol is combined with the monoethanolamine, the bacteria, and the surfactant in the range from about 1.5% to about 60% by weight of the alcohol, the monoethanolamine, bacteria, and surfactant;

(iii) the monoethanolamine is combined with the alcohol, the bacteria, and the surfactant in the range from about 1.5% to about 60% by weight of the alcohol, the monoethanolamine, bacteria, and surfactant; and

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(iv) the bacteria and the surfactant are combined with the alcohol and monoethanolamine in the range from about 20% to about 97% by weight of the alcohol, the monoethanolamine, bacteria, and surfactant.

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[(13) Please add Claim 39 as follows:]

39. (Amended) An apparatus for treating human waste products comprising:

- (a) a tank toilet system, wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems; and
- (b) a flushing liquid charged into the tank toilet system, wherein the tank toilet system is a recirculation tank toilet system;
- (c) a bacteria charged into the tank toilet system for decomposing human waste product in the tank toilet system to form byproduct; and
- (d) a surfactant charged into the tank toilet system, wherein the bacteria and surfactant are combined with the flushing liquid in an amount capable of neutralizing the byproduct odor.

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[(14) Please amend Claim 42 as follows:]

42. (Amended) A method for treating a tank toilet system comprising the steps of:

- (a) selecting a bacteria and a surfactant;
- (b) charging the tank toilet system with flushing liquid, wherein the tank-toilet system is a recirculation tank toilet system and wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems; and
- (c) combining the bacteria, the surfactant, and the flushing liquid.


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[(15) Please add Claim 43 as follows:]

43. (New) The method of claim 42 wherein the tank toilet system has a capacity at most about 120 gallons.

[(16) Please add Claim 44 as follows:]

44. (New) A method for treating a tank toilet system comprising the steps of:

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- (a) selecting a bacteria and a surfactant;
- (b) charging the tank toilet system with a flushing liquid, wherein the tank toilet system is a recirculation tank toilet system, wherein the tank toilet system is selected from the group consisting of airplane toilet systems, bus toilet systems, and train toilet systems;
- (c) combining the bacteria and the surfactant with the flushing liquid;
- (d) monitoring the tank system to determine the flushing liquid should be removed;
- (e) removing the flushing liquid in response to the determining step; and
- (f) repeating steps (a)-(e).

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- (17) Please add Claim 45 as follows:
45. (New) The method of claim 44 wherein the monitoring step comprises inspecting level of liquid in the tank toilet system.

- (18) Please add Claim 46 as follows:
46. (New) The method of claim 44 wherein the monitoring step is a time basis.

- (19) Please add Claim 47 as follows:
47. (New) The method of claim 46 wherein the time basis is at most three days.

- (20) Please add Claim 48 as follows:
48. (New) The method of claim 44 wherein the monitoring step is a trip basis.

Marked-up copies of the amended claims 3-5, 8, 11-13, 18-19, 27-28, 39, and 42-48 are attached on a separate page to this Amendment.